

**A REQUEST FOR PROPOSAL
FOR
PERSONAL SERVICES CONTRACT**

Department of Highways
Professional Services Procurement Bulletin 2013-02
McCracken/Ballard/Graves
1-1141.00 / 1-1143.00 / 1-1146.00

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County – A. McCracken
B. Ballard
C. Graves

Route – A. KY 305
B. KY 358
C. KY 945

Item No – A. 1-1141.00
B. 1-1143.00
C. 1-1146.00

Project Description –

- A. Replace bridge on KY 305 over Massac Creek approximately 0.023 miles east of KY 1565 (SR20.7) Bridge ID# 073B00098N
- B. Replace bridge on KY 358 over Clanton Creek approximately 0.5 miles north of KY 473 (SR 26.5) Bridge ID # 004B00044N
- C. Replace bridge on KY 945 over a branch of Brush Creek approximately 0.08 miles south of Intersection with Burchard Road (CR 1416) (SR 16.8) Bridge ID # 042B00206N.

II. PROJECT INFORMATION

Project Manager – Mike McGregor, P.E.

User Division – Highway Design

Approximate Fee – A. \$325,000 (Lump Sum Fee)
B. \$280,000 (Lump Sum Fee)
C. \$220,000 (Lump Sum Fee)

Project Funding – A. BRO
B. BRO
C. BRO

Project Length – Approximately 0.04 miles each

III. PURPOSE AND NEED

- A. The purpose of this bridge replacement is to replace a 38 year old bridge over Massac Creek, 83.0' total length, (073B00098N) in order to provide a safe, reliable roadway. The existing bridge on KY 305, mp 6.065, has a sufficiency rating of 20.7. The existing bridge is structurally deficient and this stretch of KY 305 has a CRF of 1.54 with multiple roadway collisions from poor roadway geometrics. The bridge replacement will improve safety and substandard condition of the bridge.
- B. The purpose of this bridge replacement is to replace a 55 year old bridge over Clanton Creek, 96.10' total length, (004B00044N) in order to provide a safe, reliable roadway. The existing bridge on KY 358, mp 14.054, has a sufficiency rating of 26.5. The existing bridge is structurally deficient with poor roadway geometrics. The bridge replacement will improve safety and the substandard condition of the bridge.
- C. The purpose of this bridge replacement is to replace a 74 year old bridge over Bush Creek, 36.1' total length, (042B00206N) in order to provide a safe, reliable roadway. The existing bridge on KY 945, mp 7.217, has a sufficiency rating of 16.8. The existing bridge is structurally deficient with poor roadway geometrics. The bridge replacement will improve safety and the substandard condition of the bridge.

IV. DBE REQUIREMENT

The consultant team shall include a DBE Participation Plan with their response to announcement. An additional page will be allowed with the project approach in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected consultant will provide engineering services to perform Phase I and Phase II Roadway Design, including drainage design, right-of-way plans, and construction plans, traffic control plans, cost estimates, and advanced situation folders for structural design.

VI. SPECIAL INSTRUCTIONS

Consultants shall focus their Project Approach section on one project. The McCracken/1-1141.00 bridge project is to be used for the Project Approach Section write up.

The Department may retain any of the services advertised here to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[DNA Studies for 1-1141.00, 1-1143.00, and 1-1146.00](#)

Please note that responding consultants should feel free to explore alternatives that are not addressed in the DNA study.

[Bridge Inspection Reports for 073B00098N; 004B00044N; and 042B00206N](#)

VIII. METHOD OF DESIGN

The selected consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. ENVIRONMENTAL

The Department will provide all necessary Environmental Services required for this project. A CE Level 1 is anticipated.

X. PHOTOGRAMMETRIC SERVICES

Photogrammetry is not required; the consultant will be responsible for conventional survey.

XI. STRUCTURE DESIGN

The selected consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The structure design will be performed by the Selected Consultant. Structure Design services may be added to the contract agreement by contract modification. Prequalification in the area of structure design is required to be identified in the Consultant's Response to Announcement.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services for the project.

XIII. TRAFFIC

The Department will provide all the necessary traffic projections and related information required for this project.

XIV. PREQUALIFICATION REQUIREMENTS

To respond to this project, the consultant project team must be prequalified in the following areas by the date of this advertisement.

ROADWAY DESIGN

- [Rural Roadway Design >\\$250,000](#)
- [Surveying](#)

STRUCTURES

- [Spans under 500 feet](#)

XV. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE • September 10, 2012 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • September 17, 2012

SECOND SELECTION COMMITTEE • October 1, 2012

PRE-DESIGN CONFERENCE • October 15, 2012

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • November 5, 2012

CONTRACT NEGOTIATIONS • November 19, 2012

NOTICE TO PROCEED • January 7, 2013

XVI. PROJECT SCHEDULE

PRELIMINARY LINE AND GRADE • June 1, 2013

FINAL JOINT INSPECTION • November 1, 2013

RIGHT-OF-WAY/UTILITY PLANS • January 15, 2014

FINAL PLANS • October 1, 2014

XVII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

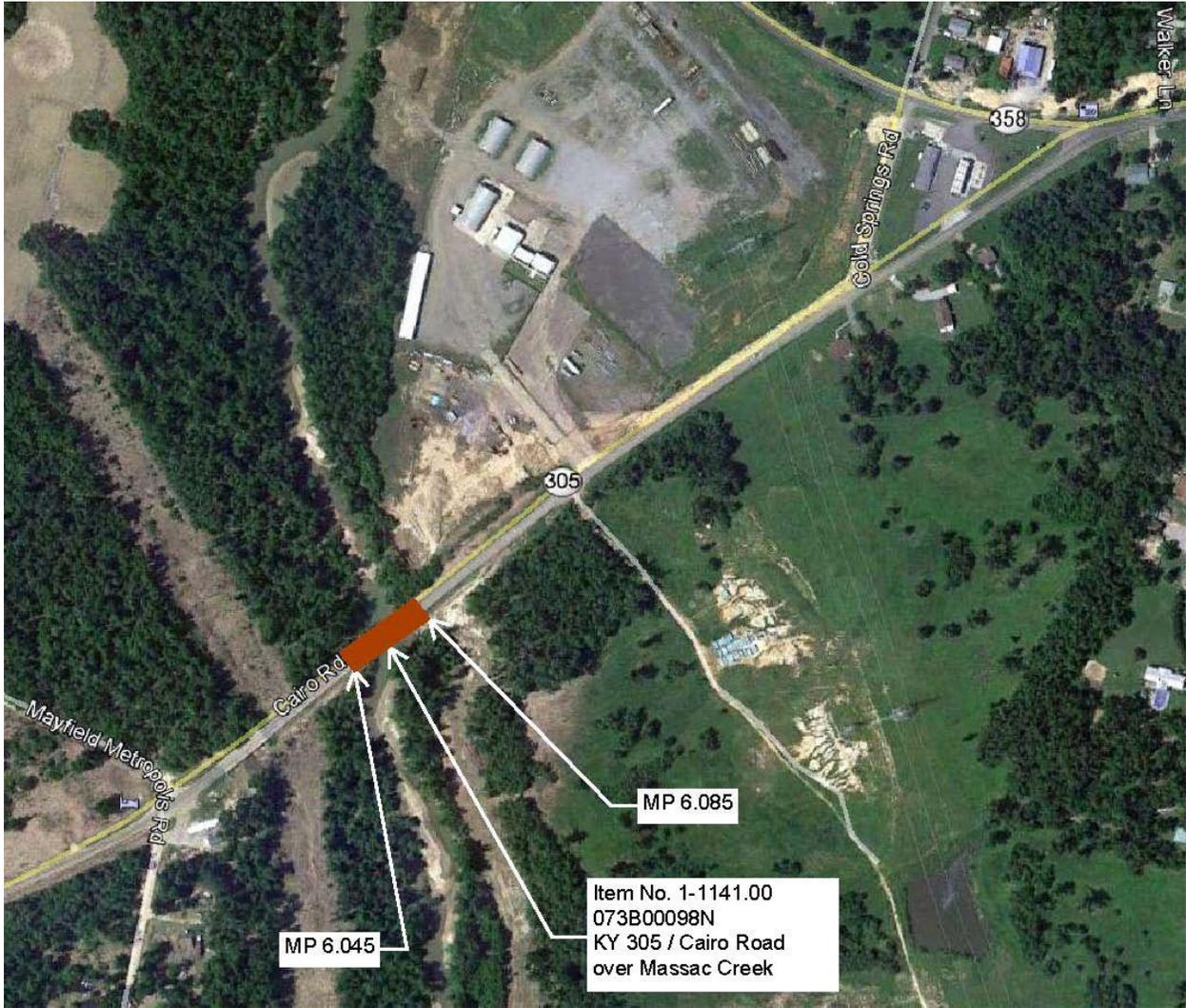
1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 Points)
5. DBE Participation Plan (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XVIII. SELECTION COMMITTEE MEMBERS

1. Mike McGregor, PE, User Division
2. Chuck Allen, PE, User Division
3. John Moore, PE, Secretary's Pool
4. Rachel Mills, PE, Secretary's Pool
5. Brad Rister, PE, Governor's Pool

LOCATION MAP
1-1141.00
McCRACKEN COUNTY
BRIDGE REPLACEMENT



LOCATION MAP
1-1143.00
BALLARD COUNTY
BRIDGE REPLACEMENT



LOCATION MAP
1-1146.00
GRAVES COUNTY
BRIDGE REPLACEMENT

